

COVID-19 WEEKLY UPDATE

Thurston County



Time Period Covered: March 11, 2020 – April 17, 2022

Background

COVID-19 is an illness caused by the SARS-CoV-2 virus first identified in December 2019. Infection with the virus can cause severe illness and death. Treatment is largely supportive although in specific cases steroids, remdesivir an antiviral agent, and antibody therapy may have benefit. Mitigation measures including avoiding large gatherings, wearing masks in public spaces, maintaining a distance of 6 feet or more from non-household members, staying home when sick, respiratory etiquette, and hand hygiene have been helpful in slowing the spread of this disease. Immunity among those who have had COVID-19 is not yet understood. Three vaccines have been approved for use in the United States with several more in clinical trials.

Summary

The first person diagnosed (confirmed) with COVID-19 was reported for Thurston County on 3/11/2020. A person is diagnosed with COVID-19 if they have tested positive for the illness.

- As of 04/17/2022, a total of 45,878 Thurston County residents had been diagnosed with COVID-19 and 360 residents had died from health issues related to COVID-19.
- Among county residents who were ever hospitalized and whose underlying condition were known, 75% had an underlying condition. Among the 360 county residents who died from COVID-19 whose underlying condition status is known, 100% had an underlying condition.

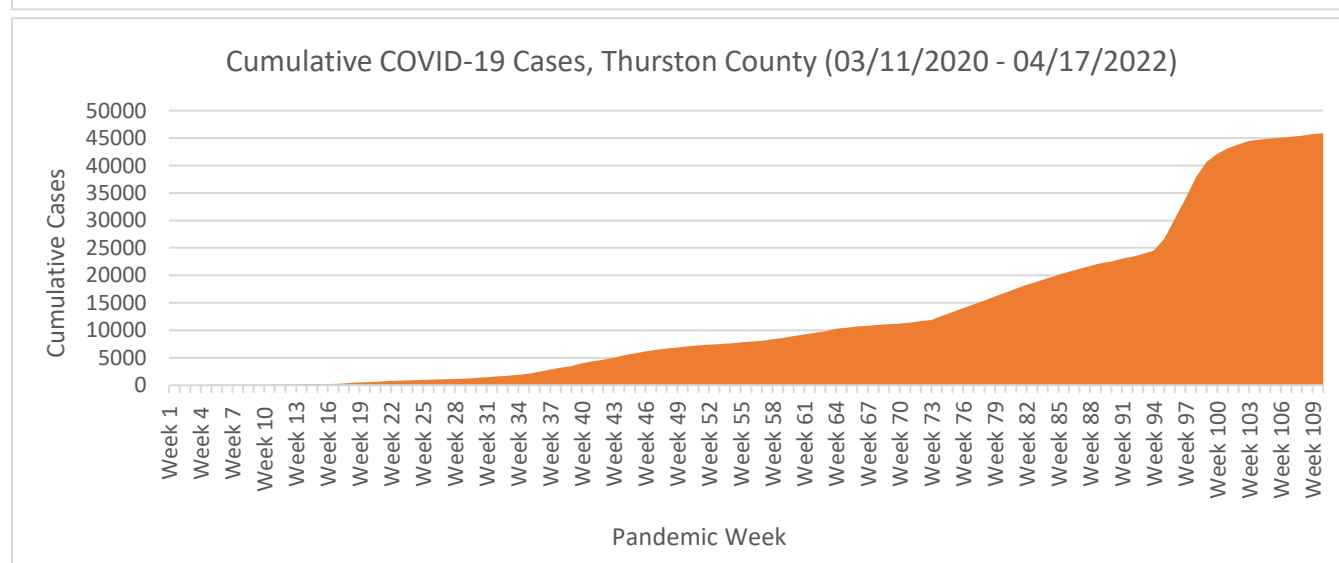
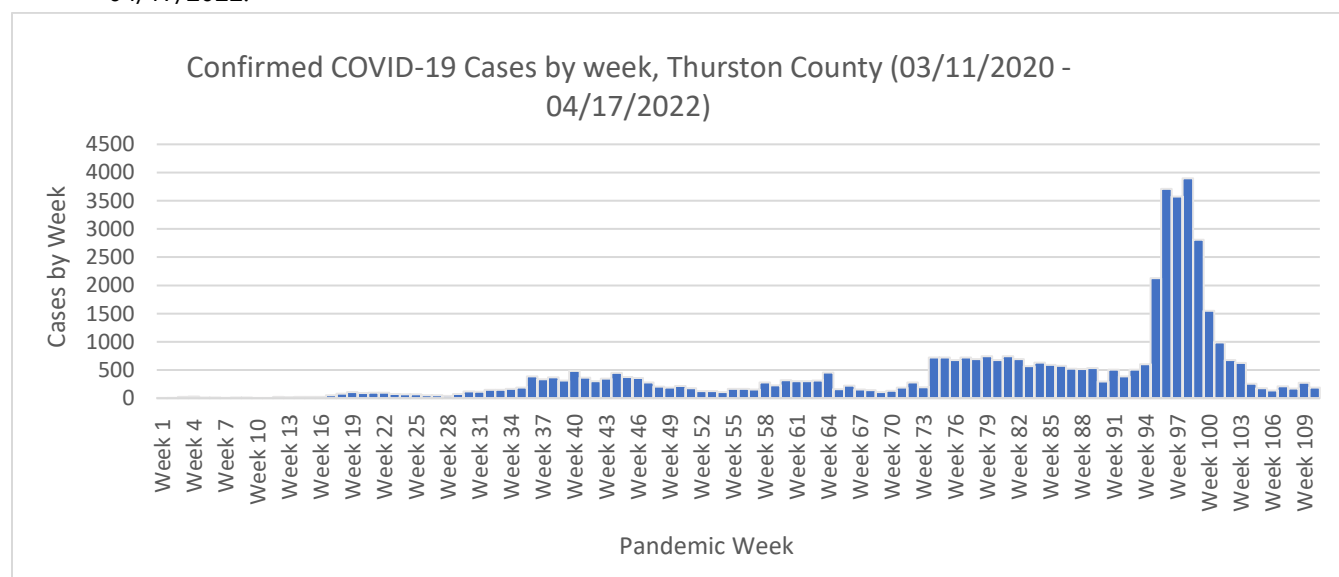
	Description	Past 7 Days	Total (cumulative)
Data current as of 03/29/2022	Seven-Day Percentage of Positive COVID-19 Tests (Date range: 03/23/2022 – 03/29/2022)	2.9%	N/A
Data current as of 03/29/2022	Seven-Day Total number of COVID-19 Tests (Date range: 03/23/2022 - 03/29/2022)	3,890	N/A
Data current as of 04/17/2022	Diagnosed with COVID-19 (confirmed/positive test)	189 residents	45,878 residents
	Hospitalized (Ever)	3	2,258
	Deaths	1 resident	360 residents
	COVID-19 Facility Outbreaks	1	9 ongoing (190 total)

Weekly

- The highest number of confirmed cases in a single week, occurred week 98 with 3,899 residents diagnosed with COVID-19.
- The current Thurston County 14-day total for newly diagnosed COVID-19 cases is 461, which combines Weeks 109 and 110.

Week (Monday-Sunday)	Total Diagnosed in Week	Total Breakthrough Cases in Week	Running Total Diagnosed (cumulative)	Running Total Breakthrough (cumulative)
Week 109 (04/04/2022 – 04/10/2022)	272	65	45,689	11,789
Week 110 (04/11/2022 – 04/17/2022)	189	45	45,878	11,834

- The first graph below depicts confirmed cases per week since the first case was recorded in Thurston County on 03/11/2020 and is current to 04/17/2022.
- The second graph shows the running total or cumulative cases in the county current to 04/17/2022.

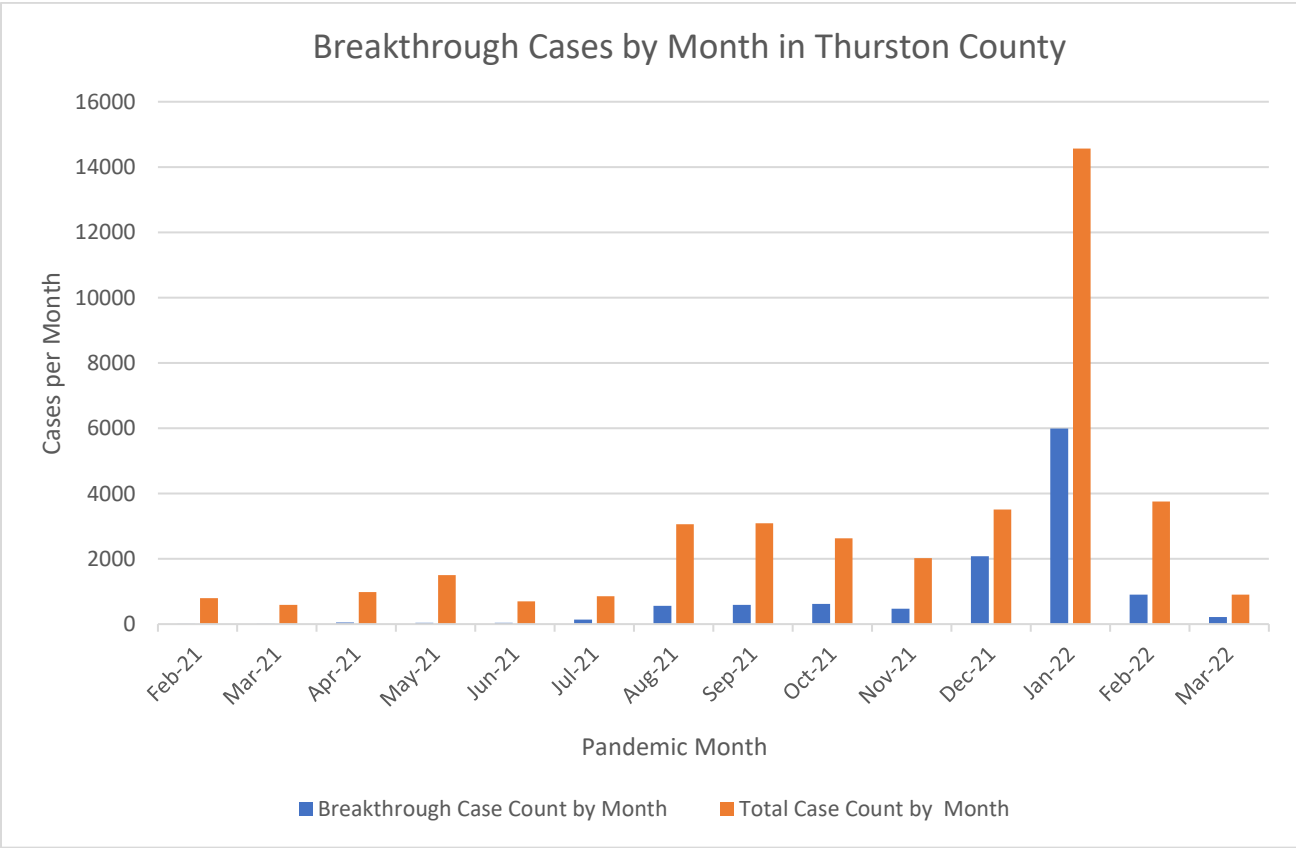
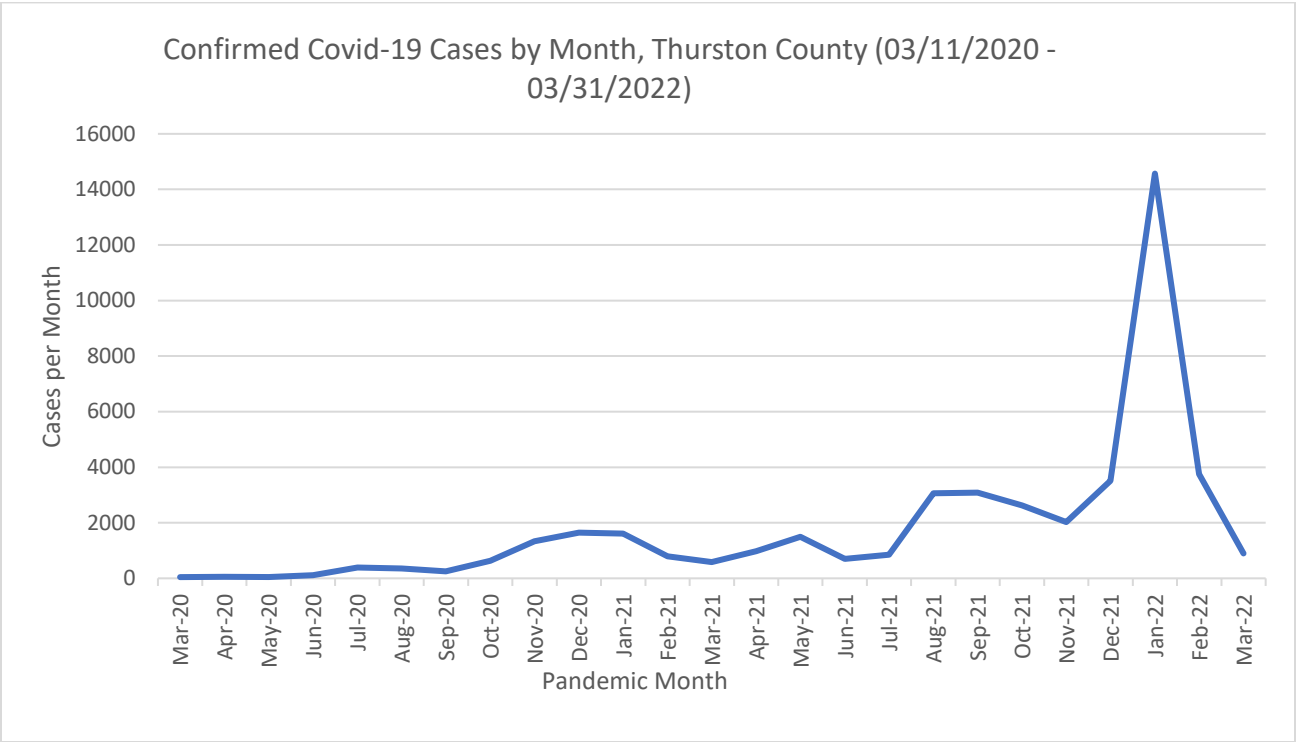


Monthly

- The highest number of confirmed cases in a single month, occurred in January 2022 with 14,570 residents diagnosed with COVID-19 and counting.

Month	Total Diagnosed in Month	Total Breakthrough Cases in Month*	Running Total Diagnosed (cumulative)	Running Total Breakthrough (cumulative)
March 2020	48	N/A	48	N/A
April 2020	59	N/A	107	N/A
May 2020	47	N/A	154	N/A
June 2020	109	N/A	263	N/A
July 2020	386	N/A	649	N/A
August 2020	352	N/A	1,001	N/A
September 2020	251	N/A	1,252	N/A
October 2020	633	N/A	1,885	N/A
November 2020	1,331	N/A	3,216	N/A
December 2020	1,645	N/A	4,861	N/A
January 2021	1,605	N/A	6,466	N/A
February 2021	791	2	7,257	2
March 2021	589	10	7,846	12
April 2021	981	46	8,827	58
May 2021	1,497	38	10,324	96
June 2021	701	37	11,025	133
July 2021	849	140	11,874	273
August 2021	3,057	561	14,931	834
September 2021	3,087	591	18,018	1,425
October 2021	2,623	615	20,641	2,040
November 2021	2,025	474	22,666	2,514
December 2021	3,508	2,081	26,174	4,595
January 2022	14,570	5,994	40,744	10,589
February 2022	3,756	901	44,500	11,490
March 2022	899	221	45,399	11,711
April 2022 (month not complete)	479	123	45,878	11,834

*Please note that breakthrough case totals are subject to change as additional data is confirmed.



Outbreaks

The following summary provides details about COVID-19 outbreaks in congregate care setting in Thurston County. Outbreaks can involve county residents and individuals who are not from Thurston County.

- As of 04/17/2022, there are:
 - 9 COVID-19 congregate care outbreaks are currently under investigation in Thurston County:
 - 1 in adult family home
 - 2 in assisted living facility
 - 1 in correctional facility
 - 4 in nursing facility
 - 1 in supported living facility
 - 190 total COVID-19 facility outbreaks have occurred in Thurston County since March 2020

Facility Name	Cases in Staff	Cases in Residents	Total Cases	Deaths
Adult Family Home (36)	3	3	6	0
Assisted Living (31)	11	13	24	0
Assisted Living (33)	0	1	1	0
Corrections (6)	30	85	115	0
Nursing Facility (14)	32	12	44	0
Nursing Facility (16)	48	8	56	0
Nursing Facility (20)	0	1	1	1
Nursing Facility (21)	0	4	4	0
Supportive Living (27)	4	4	8	0
	128	131	259	1

Geography

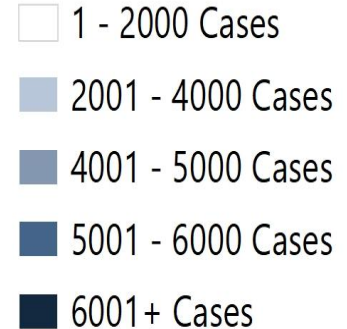
The majority of Thurston County residents live in unincorporated areas of the county, meaning they live outside of city or town limits. Zip codes provide a way to view county data by a geography that includes both cities/towns and unincorporated areas.

- The Thurston County Public Health and Social Services Department does consider the county to be experiencing community spread. Community spread means we are seeing some county residents diagnosed with COVID-19 and cannot identify how or where they became infected with the illness.
- Residents from across Thurston County have been diagnosed with COVID-19.
 - The zip codes that have seen an increase in number of confirmed cases since last week are:
 - 98501
 - 98502
 - 98503
 - 98506

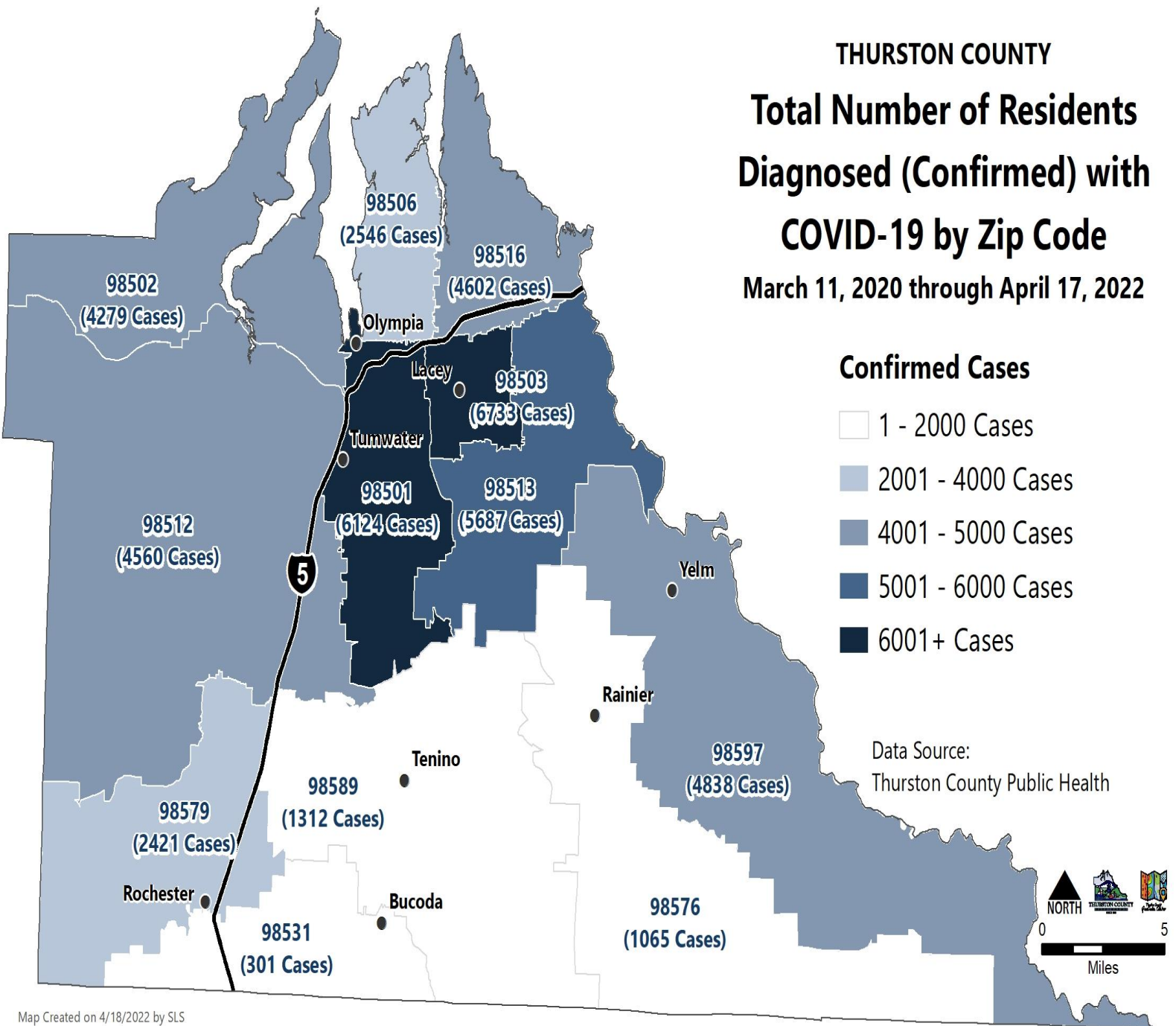
- 98512
- 98513
- 98516
- 98576
- 98579
- 98589
- 98597

THURSTON COUNTY
Total Number of Residents
Diagnosed (Confirmed) with
COVID-19 by Zip Code
 March 11, 2020 through April 17, 2022

Confirmed Cases



Data Source:
 Thurston County Public Health



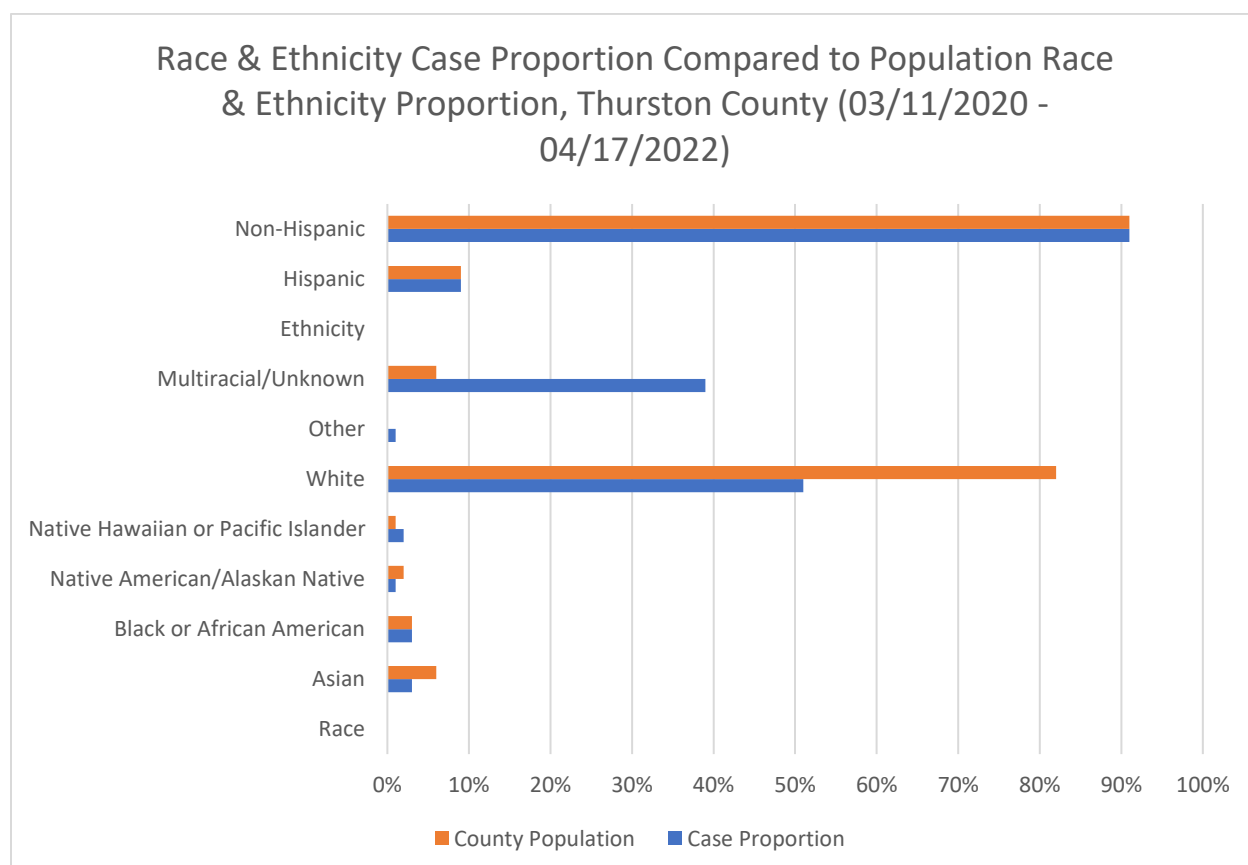
Map Created on 4/18/2022 by SLS

Race and Ethnicity

The main purpose of collecting data from individuals diagnosed with COVID-19 is to conduct a disease investigation that prevents further spread of the illness. Local disease investigations focus on identifying how an individual was exposed to COVID-19 and who they came into close contact with after being infected with COVID-19. Data on race and ethnicity are not connected to the spread of COVID-19 and may not be collected in every case.

- Thurston County residents who identify as Native Hawaiian or Pacific Islander are over-represented as a percent of COVID-19 confirmed cases when compared to the county's total population.

Thurston County As of 04/17/2022	Percent of Residents Diagnosed with COVID-19	Percent of Total County Population
Race		
Asian	3%	7%
Black or African American	3%	3%
Native American/Alaskan Native	1%	2%
Native Hawaiian or Pacific Islander	2%	1%
White	51%	81%
Other	1%	Not available
Multiracial/Unknown	39%	6%
Ethnicity		
Hispanic	9%	9%
Non-Hispanic	91%	91%



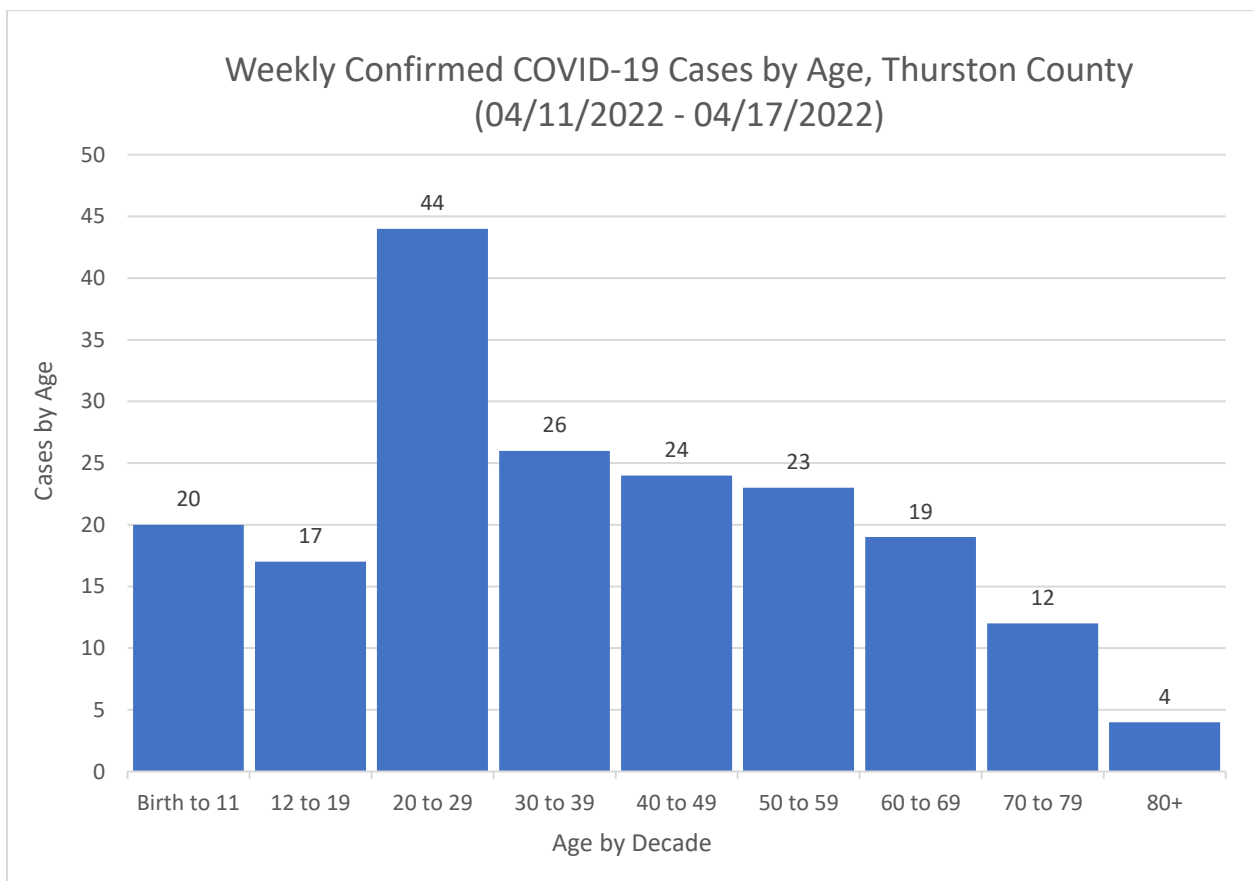
Age Weekly

The weekly age of Thurston County residents diagnosed with COVID-19 has shifted toward younger age groups.

04/11/22 to 04/17/22	Weekly Confirmed Cases by Age Group	
Birth to 11	11%	20 cases
12-19	9%	17 cases
20-29	23%	44 cases
30-39	14%	26 cases
40-49	13%	24 cases
50-59	12%	23 cases
60-69	10%	19 cases
70-79	6%	12 cases
80 and Older	2%	4 cases
Unknown	0%	0 cases

Unknown: Information unavailable at time of report.

Note: Percent may not add to total due to rounding.



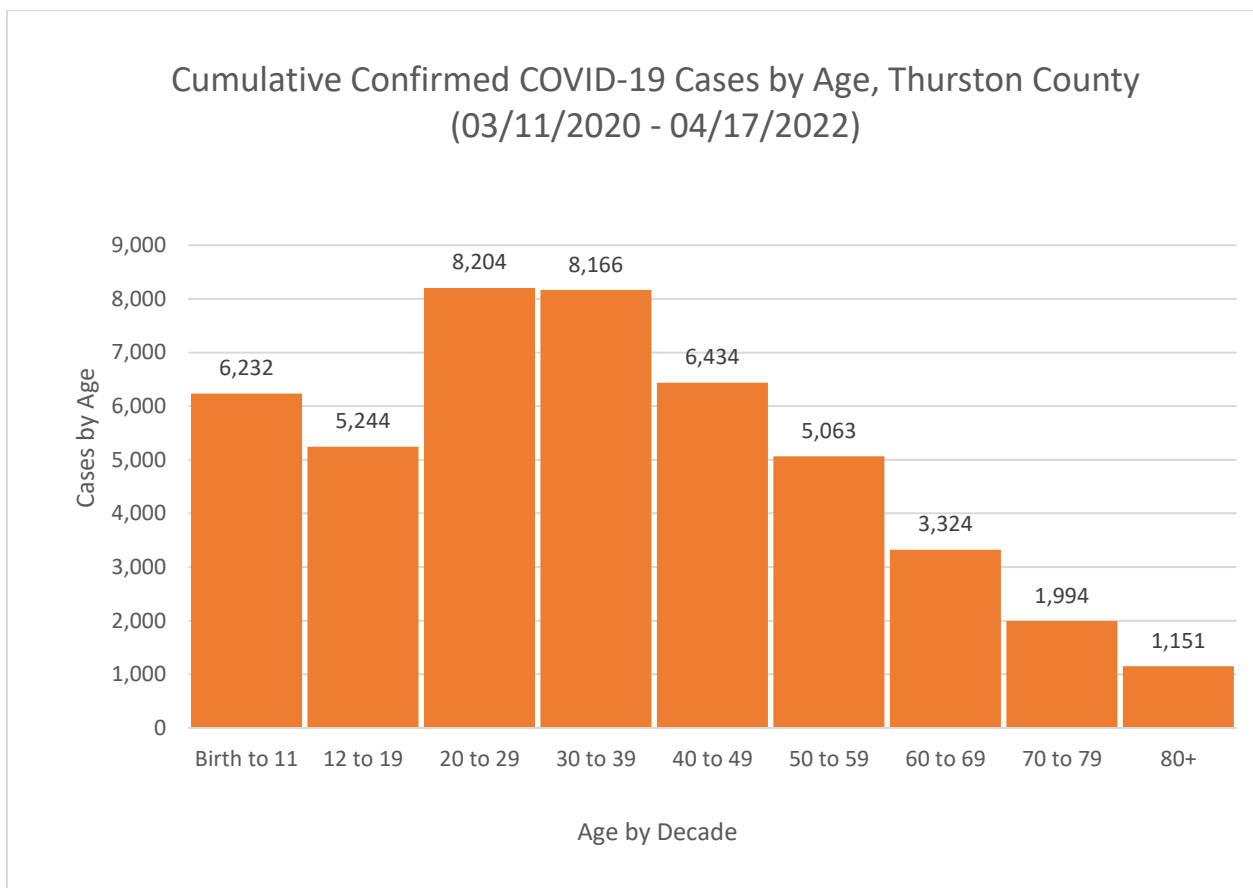
Age Cumulative

The cumulative age of Thurston County residents diagnosed with COVID-19 has shifted toward younger age groups.

As of 04/17/22	Total Confirmed Cases by Age Group	
Birth to 11	14%	6232 cases
12-19	11%	5244 cases
20-29	18%	8204 cases
30-39	18%	8166 cases
40-49	14%	6434 cases
50-59	11%	5063 cases
60-69	7%	3324 cases
70-79	4%	1994 cases
80 and Older	3%	1151 cases
Unknown	0%	66 cases

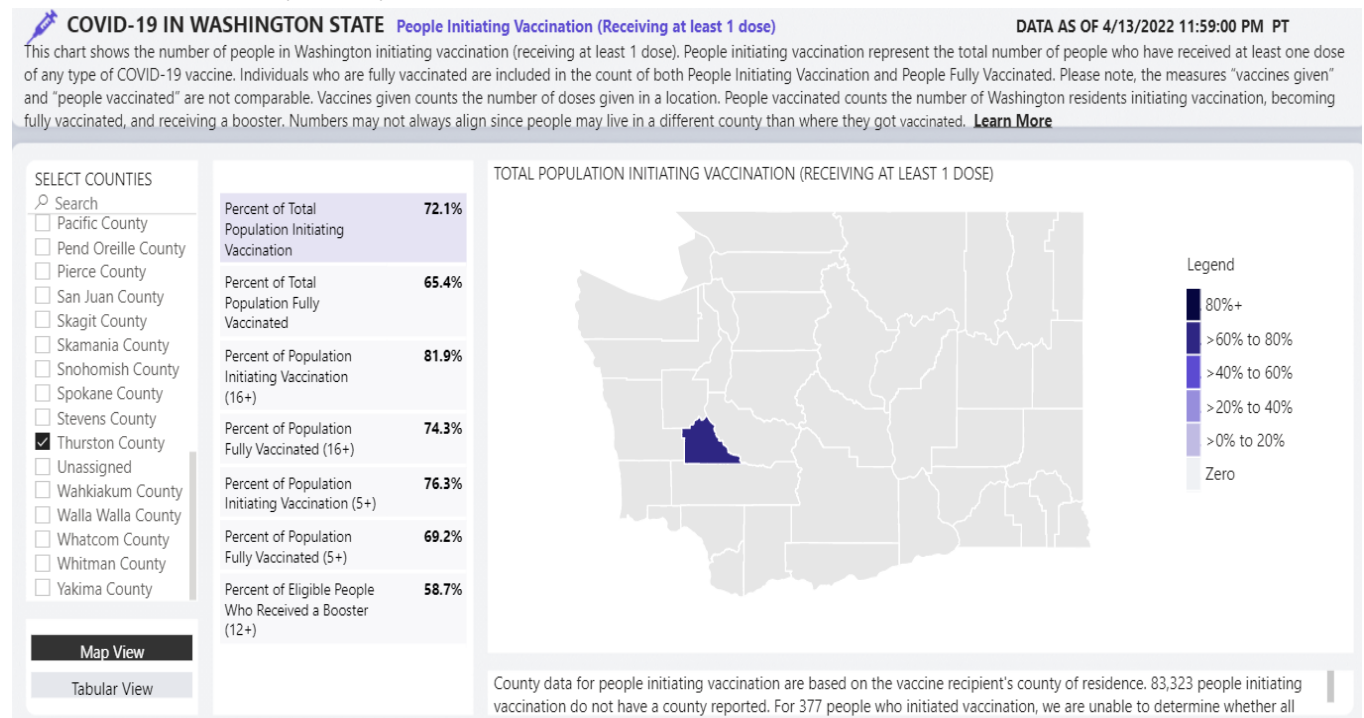
Unknown: Information unavailable at time of report.

Note: Percent may not add to total due to rounding.



COVID-19 Vaccination Summary

The first person who received a COVID-19 vaccine in Thurston County was on 12/15/2020. Residents initiating vaccination have received at least one dose. A person is fully vaccinated two weeks after their second dose in a 2-dose series, such as Pfizer or Moderna or two weeks after a single-dose vaccine, such as Johnson & Johnson (Janssen).



Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

Department of Defense COVID-19 Vaccination Data specific to Thurston County

The Department of Defense (DoD) provides Thurston County with weekly updates of COVID-19 vaccinations. However, the federal government receives data from the Department of Defense (DoD), Veterans Affairs (VA), Bureau of Prisons, and potentially a few other sources that don't get automatically funneled to DOH state totals.

	Description	Total Vaccinations (cumulative)	Percent of Total Thurston County Population
Data current as of 04/18/2022	DoD Residents Initiating Vaccination	14,332	4.93%
Data current as of 04/18/2022	DoD Fully Vaccinated Residents	12,913	4.44%

Figures not found in the Washington State Immunization Information System. These figures are not included in the COVID-19 Vaccination Summary Table Above. The percentages in this table are in addition to the total population percentages in the COVID-19 Vaccination Summary table

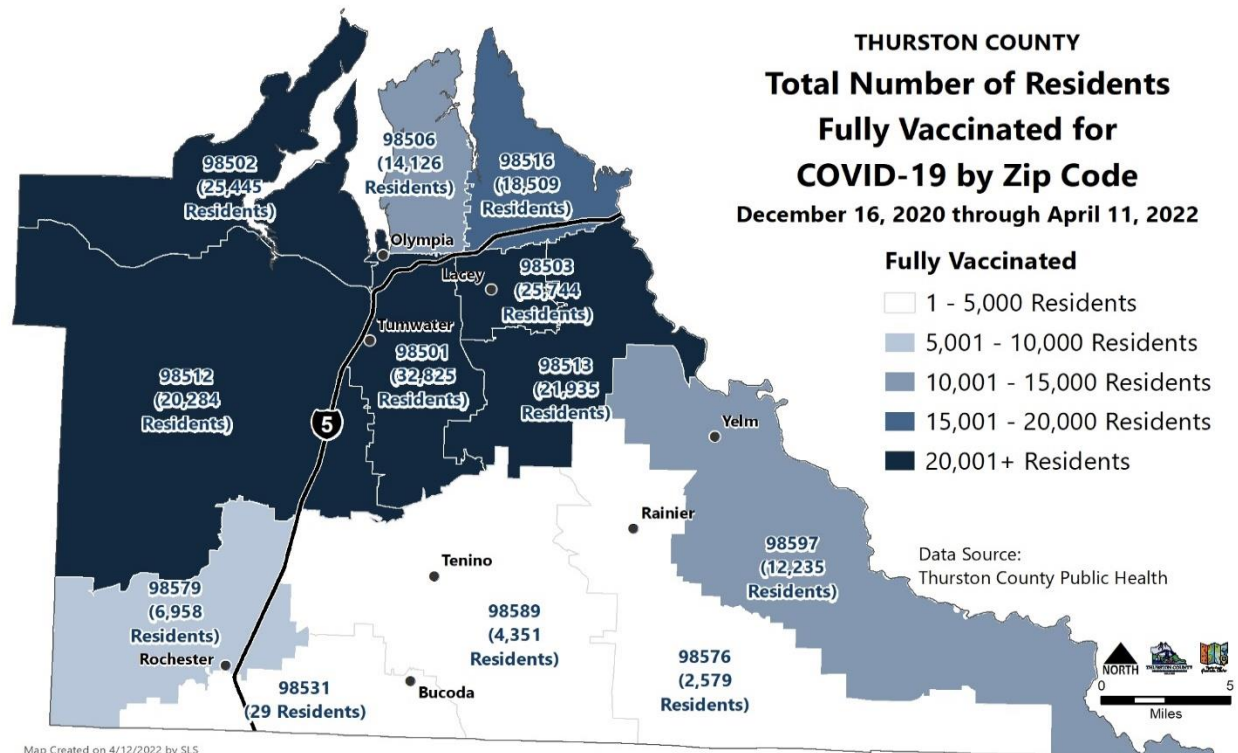
COVID-19 Vaccination by Geography

Most Thurston County residents live in unincorporated areas of the county, meaning they live outside of city or town limits. Zip codes provide a way to view county data by geography that includes both cities/towns and unincorporated areas.

***Please Note: Data is current as of April 11, 2022.**

Thurston County As of 04/11/22*	Residents Initiating Vaccination	Percent of Residents Initiating Vaccination	Fully Vaccinated Residents	Percent of Fully Vaccinated Residents	Total Population by Zip Code
Zip Code					
98501	35,674	81%	32,825	74%	74%
98502	27,917	82%	25,445	74%	74%
98503	28,746	72%	25,744	64%	64%
98506	15,276	78%	14,126	72%	71%
98512	22,069	67%	20,284	61%	61%
98513	24,504	67%	21,935	60%	60%
98516	20,925	75%	18,509	67%	66%
98531	32	1%	29	1%	1%
98576	2,838	53%	2,579	48%	48%
98579	7,533	56%	6,958	51%	51%
98589	4,705	57%	4,351	53%	52%
98597	13,853	54%	12,235	48%	47%
Unknown	5,761	Not Available	5,243	Not Available	Not Available

Unknown: Information unavailable at time of report. Note: Percent may not add to total due to rounding. *Figures are not released for zip codes with less than 10 people being vaccinated. Data Source: Zip code data is from the Washington State Office of Financial Management [Washington State Geospatial Open Data Portal](#); SAEP ZIP Code Tabulation Areas: SAEP ZIP Code Tabulation Areas website. Thurston County Public Health and Social Services (PHSS) has calculated these figures based on data provided by the Washington State Department of Health (DOH). DOH data is unable to incorporate COVID-19 vaccination data from the Department of Defense (DoD), Veterans Affairs (VA), Bureau of Prisons and potentially a few other sources that don't get automatically funneled to DOH state totals.



COVID-19 Vaccination by Race and Ethnicity



COVID-19 IN WASHINGTON STATE Race/Ethnicity

DATA AS OF 4/13/2022 11:59:00 PM PT

This chart shows the percentage of individuals aged 5 and older that are initiating vaccination and fully vaccinated by race/ethnicity, and the percentage of people aged 12 and older that received a booster among the eligible population by race/ethnicity. To protect privacy, counts of less than 10 are not reported in this table. Some additional values that could allow someone to calculate those small numbers are also not reported. [Learn More.](#)

SELECT COUNTY

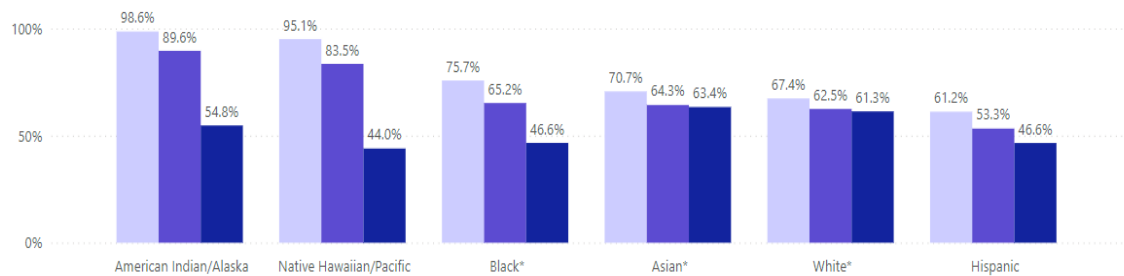
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State Level

County Level

Percent Initiating Vaccination (5+) Percent Fully Vaccinated (5+) Percent of Eligible People Who Received a Booster (12+)



*Non-Hispanic

Due to data limitations, people that have race and ethnicity reported as Unknown, Other, or Multiracial are not included in county data.

See [Learn More](#) above for information on reporting of these data.

31,912 people initiating vaccination, 26,932 people who are fully vaccinated and 13,106 people who received a booster have race and ethnicity reported as Unknown, Multiracial or Other Race and Ethnicity.

Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

COVID-19 Vaccination by Age



COVID-19 IN WASHINGTON STATE Age

DATA AS OF 4/13/2022 11:59:00 PM PT

This chart shows the percentage of individuals who have been vaccinated within each age group. [Learn More](#)

State Level

County Level

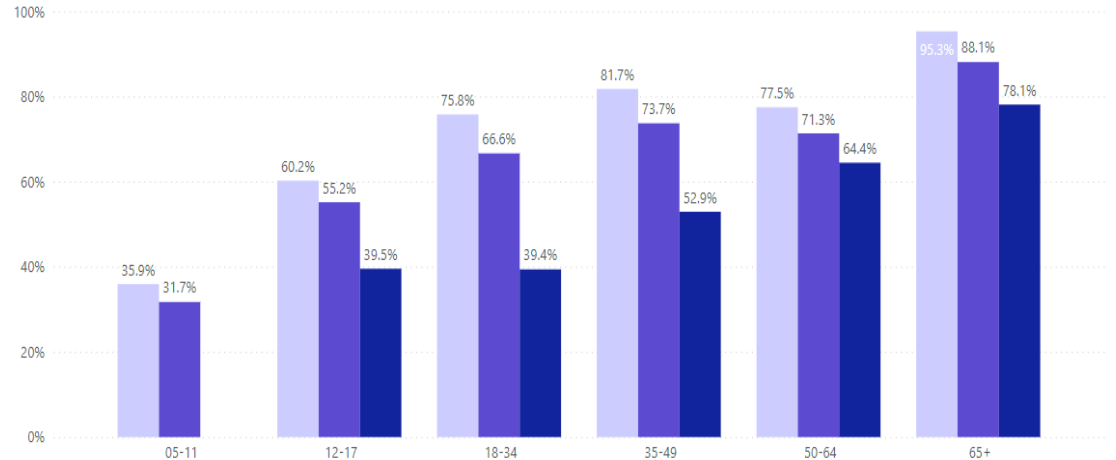
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PERCENT VACCINATED, WITHIN AGE GROUP

Percent Initiating Vaccination Percent Fully Vaccinated Percent of Eligible People Who Received a Booster



To protect privacy, counts of less than 10 are not reported. Some additional values that could allow someone to calculate those small numbers are also not reported.

Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

COVID-19 Vaccination by Sex



COVID-19 IN WASHINGTON STATE [Sex](#)

DATA AS OF 4/13/2022 11:59 PM PT

This chart shows the percentage of individuals aged 5 and older that are initiating vaccination and fully vaccinated by sex, and the percentage of individuals aged 12 and older that received a booster among the eligible population by sex. [Learn More](#)



Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

Data Sources

- Laboratory test data are from the Washington State Department of Health (DOH) [2019 Novel Coronavirus Outbreak \(COVID-19\)](#) website and the [Washington State Coronavirus Response \(COVID-19\) Risk Assessment Dashboard](#) website.
- Diagnosed (Confirmed) with COVID-19 Cases, Hospitalizations, Deaths, Underlying Condition, Facility Outbreaks, Age, Race and Ethnicity data are from the Thurston County Public Health and Social Services Department, Division of Disease Control and Prevention.
- County population data are 2020 estimates for residents of all ages from the [Washington State Office of Financial Management](#) website.
- Total number of Vaccine Doses Given data is from the Washington State Department of Health (DOH) [2019 Novel Coronavirus Outbreak \(COVID-19\)](#) website.
- Geography data is from the Thurston County Public Health and Social Services Department.
- Percent of Fully Vaccinated Residents of each zip code data is from the Washington State Office of Financial Management [Washington State Geospatial Open Data Portal : SAEP ZIP Code Tabulation Areas : SAEP ZIP Code Tabulation Areas](#) website.

Definitions

- Resident:
 - An individual is counted as a resident if they live within the geographic boundaries of Thurston County. People whose permanent residence or address of record is located in Thurston County would be included.
- Diagnosed with COVID-19 (Confirmed):
 - An individual is counted as diagnosed with COVID-19, also called a confirmed case, if they had a laboratory (viral) test for COVID-19 and the test was positive for the illness.
- Recovered/Recovering:
 - An individual diagnosed with COVID-19 is counted as recovered, if they are not hospitalized, and have been released from public health isolation. Individuals who recover from the symptoms of COVID-19 may have ongoing health problems or health problems in the future as a result of the illness.
- Hospitalized:
 - An individual is counted as hospitalized if they were hospitalized at any time starting from the day diagnosed with COVID-19 to the day they were released from public health isolation. Individuals who die due to COVID-19 are included in the count, if they were hospitalized while being monitored by Public Health.
- Deaths:
 - An individual is counted as a COVID-19 death if they were diagnosed with COVID-19 and died due to health complications related to the illness.
- Underlying Condition:
 - An individual is counted as having an underlying condition if, at the time of public health monitoring, a condition was identified through self-report by the individual, interviews, health care providers or medical records. Examples of underlying conditions of concern for COVID-19 are heart disease, diabetes, chronic lung disease, asthma, chronic liver disease and cancer.
- Congregate Care Setting:
 - Includes licensed facilities, such as nursing homes, assisted living, adult family homes, childcare centers, schools, homeless shelters, jail, detention and other similar group care or placement settings.
- Public Health Isolation:
 - Isolation means an individual was ill and required to separate themselves from other people to prevent the possible spread of COVID-19 by order of the Thurston County

Health Officer. Upon release from isolation, Public Health provides guidance on the current public health actions that should be followed for all residents (e.g. staying home, physical distancing when away from home, handwashing). Public health isolation can last 14 or more days and includes special requirements for health care workers/first responders.

- Outbreak:
 - An outbreak in long-term care facility is defined as:
 - Greater than or equal to 1 long-term care facilities and agencies-acquired COVID-19 infection in a resident, OR
 - Greater than or equal to 2 COVID-19 infections in health care workers who were on-site in the long-term care facility or agency at any time during their infectious period OR during their exposure period and has no other known or more likely exposure source.
 - An outbreak in a non-health care facility is defined as:
 - Two or more confirmed or probable COVID-19 cases with at least one case classified as confirmed, AND
 - At least two of the cases have symptom onset dates within 14 days of each other, AND
 - Plausible epidemiological evidence of transmission in a shared location other than a household is observed.
- Race:
 - Race means the racial group or groups an individual says best describe them. Officially recognized racial groups include Asian, Black/African American, Native American (American Indian/Alaska Native), Native Hawaiian or other Pacific Islander and White.
 - If an individual identifies as being of two or more racial groups, they are included in the Multiracial group.
 - Individuals can choose Other as a racial group.
- Ethnicity:
 - Hispanic is defined as an ethnicity and refers to an individual's culture or origin. An individual is described as either Hispanic or Non-Hispanic and can be of any race.
- Initiated Vaccination:
 - Residents initiating vaccination have received at least one dose.
- Fully Vaccinated:
 - A person is fully vaccinated two weeks after their second dose in a 2-dose series, such as Pfizer or Moderna or two weeks after a single-dose vaccine, such as Johnson & Johnson (Janssen).
- Breakthrough Case:
 - Vaccine breakthrough occurs when someone gets sick with a disease they are fully vaccinated against. For the COVID-19 vaccine, this means someone tests positive for COVID-19 two weeks or more after receiving the full series of an authorized COVID-19 vaccine.

Contact Information

For additional data or more information about COVID-19 contact:

Thurston County Public Health and Social Services Department

- Phone: 360-867-2500
- WA Relay: 711 or 800-833-6338
- COVID-19 Website: <http://bit.ly/ThurstonCOVID-19>

Thurston County Public Health and Social Services Department
Last edited 04/19/2022